

FY '15 Crane Accident Summary



<i>NCC Report #</i>	<i>Acc Date</i>	<i>Crane Type</i>	<i>CAT</i>	<i>Accident Type</i>	<i>Crane Function</i>	<i>LOH</i>	<i>Description</i>	<i>Cause</i>
15-CA-002	10/2/2014	BRIDGE	3	Collision, Load Striking Object	Hoisting	Y	During removal of a propeller component from an aircraft engine hub, a flap sensor rod hung up causing damage to a support bracket.	Improper Operation
15-CA-008	10/3/2014	COMMERCIAL TRUCK MOUNTED	4	Collision, Crane striking object	Boom Lowering	Y	The boom of a Cat 4 crane struck the bed of the carrier causing damage, when the operator inadvertently boomed down rather than up.	Personnel Error: Operator
15-CA-012	10/4/2014	HOIST	3	Injury, Caught between load and fixed object	Hoisting	Y	A mechanic's finger was pinched/cut during rigging work to remove a battery from the ship's battery well.	Improper Operation
15-CA-001	10/6/2014	BRIDGE	3	Dropped Load, Improper Rigging	Hoisting	Y	A sling dislodged from a bridge crane hook during an attempt to lift a load from a trailer. Investigation revealed that the rigging gear used imposed an unacceptable sling angle which caused the sling to release from the throat of the hook.	Improper Rigging
15-CA-003	10/9/2014	BRIDGE	3	Collision, Load Striking Object	Lowering	Y	While lowering a lid onto a hydrostatic test tank, the controller hoist down button became stuck and the lid contacted the test tank.	Equipment Failure, Crane
15-CA-004	10/10/2014	MOBILE	1	Collision, Crane striking object	Rotating	N	The upper crane cab house locking pin on a mobile crane was left engaged during crane rotation and struck a hydraulic filter cap causing damage and a hydraulic oil spill.	Improper Operation
15-CA-034	10/10/2014	MOBILE	1	Collision, Crane striking object	Other	Y	While retracting the outrigger beam of a mobile crane, the outrigger pad contacted and dented the handle of cribbing plates used as support under the pad.	Procedural Failure
15-CA-005	10/15/2014	BRIDGE	3	Overload, Rigging	Hoisting	Y	Eye bolts were overloaded when the incorrect pendant length caused increased stress due to pendant angle.	Improper Rigging
15-CA-006	10/22/2014	BRIDGE	2	Collision, Crane striking object	Traveling	N	An unsecured telephone line fell from an overhead beam and snagged the upper structure of a bridge crane parting the telephone line.	Inadequate Clearance
15-CA-015	10/22/2014	BRIDGE	2	Collision, Load Striking Object	Traveling	Y	A cover being relocated onto a ship training module by a bridge crane collided with a section of PVC piping causing damage to the pipe.	Inadequate Job Planning
15-CA-007	10/27/2014	BRIDGE	2	Collision, Crane striking object	Bridging	N	During inspection of a bridge crane, evidence of contact with an obstruction in the overhead was identified. The contact consisted of paint damage and appeared not to have occurred in the past.	Inadequate Clearance

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15-CA-011	10/28/2014	PORTAL	1	Collision, Crane striking object	Luffing, Up	N	During maintenance, a portal crane's boom secondary upper limit switch failed to actuate resulting in contact between the boom equalizer strut and the machinery house.	Improper Operation
15-CA-009	10/29/2014	MOBILE	1	Damaged Load	Hoisting	Y	While lifting a pallet mounted copy machine from a barge, a board on the edge of the pallet split causing the board to compress up against the copy machine.	Improper Rigging
15-CA-010	10/29/2014	PORTAL	1	Damaged Load	Hoisting	Y	A jack support plate on the bottom of a fairwater plane was damaged when the fairwater plane shifted on support blocks and contacted the drydock floor.	Improper Rigging
15-CA-013	11/4/2014	MOBILE	1	Collision, Load Striking Object	Hoisting	Y	While removing staging from a ship, the nylon sling supporting the load damaged a fresh water wash-down pipe.	Improper Operation
15-CA-014	11/4/2014	PORTAL	1	Collision, Crane striking object	Lowering	N	During the ODCL, a portal crane's whip hoist block with rigging gear attached was lowered onto the pier.	Improper Operation
15-CA-016	11/4/2014	BRIDGE	3	Overload, Crane Capacity	Hoisting	Y	During a lift using a category 3 crane, the overload shutdown function activated indicating a load exceeding the rated capacity.	Improper Operation
15-CA-017	11/7/2014	PORTAL	1	Collision, Load Striking Object	Hoisting	Y	During hoisting of a load, a portal crane's whip hoist lost power and experienced an un-controlled lowering condition.	Equipment Failure, Crane
15-CA-024	11/8/2014	PORTAL	1	Rigging Equip damage, Other	Hoisting	N	During pre-use inspection, a pad eye locking mechanism on a container spreader lift beam was found damaged from a previous lift.	Improper Rigging
15-CA-018	11/10/2014	MOBILE	1	Collision, Crane striking object	Lowering	N	During mobile crane setup, the operator inadvertently engaged the whip hoist lever causing the whip hoist to lower and the headache ball to contact the deck.	Personnel Error: Operator
15-CA-019	11/13/2014	MOBILE	1	Collision, Crane striking object	Rotating	N	During preparations for a lift, a mobile crane rotated into a section of plywood that was being moved from the pier to the ship. Damage to the crane consisted of a cracked side marker and dents in the crane's turntable area.	Inadequate Communication
15-CA-020	11/13/2014	MOBILE	1	Crane Equipment damage, Other	Telescoping	N	After completion of a load test on a mobile crane, the boom head sheave became damaged while retracting the boom. NCC has requested Engineering analysis on cause of failure, awaiting response from activity.	Equipment Failure
15-CA-025	11/13/2014	BRIDGE	2	Rigging Equip damage, Other	Other	N	While connecting a lift beam to a portable enclosure, a turnbuckle that attaches to one of the lifting pads was damaged when it wedged between the pad and the enclosure roof.	Improper Operation
15-CA-023	11/15/2014	PORTAL	1	Crane Equipment damage, Other	Boom Raising	N	During disconnection of the boom's upper maintenance rigid link assembly, the rigid links were bent when the boom was raised too high causing the assembly to wedge into the boom strut.	Inadequate Supervision

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15-CA-022	11/18/2014	PORTAL	1	Collision, Load Striking Object	Hoisting	Y	After landing a container inside an enclosure, excessive slack was placed in the rigging gear allowing the gear to shift unexpectedly and damage the top of the container.	Improper Operation
15-CA-026	11/19/2014	MOBILE	1	Collision, Crane striking object	Rotating	N	While setting up a mobile crane to remove shore power, the crane counterweight came in contact with a light pole on the pier.	Improper Operation
15-CA-028	11/20/2014	MOBILE	1	Overload, Rigging	Hoisting	Y	After placing a temporary trailer shipboard, damage on the outside surface of the trailer caused by the rigging gear was identified. Further investigation determined that a sling was overloaded during the lift.	Improper Rigging
15-CA-031	11/21/2014	PORTAL	1	Not Elsewhere Specified	Hoisting	Y	After landing a container onto a trailer, a personnel barrier positioned on the edge of the trailer was damaged when the trailer lowered down due to the component's weight.	Improper Rigging
15-CA-027	11/22/2014	PORTAL	1	Collision, Load Striking Object	Hoisting	Y	During removal of a missile tube work platform from the top of a missile tube, the platform contacted staging pipe causing damage to a section of staging and the work platform.	Improper Rigging
15-CA-029	11/22/2014	MOBILE	1	Crane Equipment damage, Structural	Hoisting	Y	During mobile crane operation, the cab swing lock pin dropped down from its stowed position and contacted/damaged the rear fender of the crane.	Improper Operation
15-CA-030	11/24/2014	BRIDGE	3	Dropped Load, Improper Rigging	Hoisting	Y	While lifting a piece of plate steel with a non-marring plate clamp, the plate slipped out of the clamp and dropped about 1 foot onto the shipping pallet.	Improper Rigging
15-CA-032	12/1/2014	PORTAL	1	Collision, Load Striking Object	Hoisting	Y	While installing a fairwater plane onto the cigar shaft using a portal crane, the fairwater plane shifted and damaged the teflon anti-friction ring.	Improper Rigging
15-CA-033	12/3/2014	COMMERCIAL TRUCK MOUNTED	4	Collision, Crane striking object	Hoisting	Y	The boom of a category 4 crane contacted a building's ceiling beam during loading of a battery onto a trailer.	Improper Operation
15-CA-035	12/9/2014	MOBILE	1	Crane Equipment damage, Structural	Hoisting	Y	Damage to a mobile crane's auxiliary boom point sheave was identified in the activity's annual evaluation.	Improper Operation
15-CA-047	12/10/2014	FLOATING	1	Rigging Equip damage, Other	Hoisting	Y	A rigging snatch block was damaged when the eye of the test pendant two-blocked into the sheave during testing of a sliding padeye.	Procedural Failure

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15-CA-037	12/12/2014	BRIDGE	3	Crane Equipment damage, Other	Hoisting	Y	During category 3 crane operation to change out a machine component, the crane was not properly centered over the lift causing the load to shift and damage the hook's safety latch.	Improper Operation
15-CA-036	12/13/2014	MOBILE	1	Crane Equipment damage, Structural	Other	N	While preparing a mobile crane for travel, the counterweight of the crane was lowered onto safety cones stored on the carrier deck causing damage to the crane's deck plating.	Inadequate Personnel Coverage
15-CA-044	12/16/2014	BRIDGE	2	Collision, Load Striking Object	Hoisting	Y	While removing an empty tube section from a submarine, the crane operator moved the crane in the wrong direction causing the tube to contact and damage a shipboard hatch cover.	Improper Operation
15-CA-040	12/17/2014	BRIDGE	3	Collision, Load Striking Object	Hoisting	Y	During preparation work to align a lifting assembly using a category 3 crane, the assembly, which was not centered under the crane hook, shifted and contacted an adjacent piece of support equipment.	Improper Operation
15-CA-039	12/18/2014	PORTAL	1	Crane Equipment damage, Other			While tensioning gear for a lift of a hull section using a portal crane, the eye of the pendant caught on a piece of metal protruding from a frame causing damage to the sling.	
15-CA-041	12/18/2014	BRIDGE	2	Collision, Load Striking Object		N	During load test of a category 2 bridge crane, the test load contacted the fence of a work area that is permanently erected on the shop floor.	
15-CA-038	12/20/2014	BRIDGE	3	Rigging Equip damage, Wire Rope Pendants/Slings	Hoisting	Y	During lifting of a feed water pump using a category 3 crane, the pull chain of a chain fall snagged the load and was damaged when the load was set down on the chain.	Improper Rigging
15-CA-043	12/30/2014	BRIDGE	3	Collision, Load Striking Object	Hoisting	N	During load testing of a category 3 crane, the load brake failed to hold the load. During recovery action to remove the test weight, the load lowered un-expectantly and contacted the shop floor.	Equipment Failure
15-CA-045	1/7/2015	MOBILE	1	Collision, Crane striking object			A ladder which had been left within the swing path of a mobile crane, was damaged when it was caught between the counterweight and the cranes carrier frame.	
15-CA-046	1/8/2015	BRIDGE	2	Overload, Rigging	Hoisting	Y	During removal of a bolted platform from an enclosure, a sling was overloaded when the operator hoisted above the established weight causing a binding condition on the platform and rigging gear.	
15-CA-048	1/18/2015			Crane Equipment Damage, Chain		Y	During pre-lift tensioning of a 15 klb concrete block, one of two chain slings connected to lifting points on the block parted. The chain sling, which has a WLL of 8,800 lbs.(each), failed at the mechanical coupling link (Hammerlok).	

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15-CA-050	1/20/2015	MOBILE	1	Crane Equipment damage, Structural	Lowering	N	The support legs of mobile crane boom stand were bent when the boom section of a mobile crane was lowered onto the stand for maintenance.	
15-CA-049	1/21/2015	MOBILE	1	Collision, Crane striking object		N	The right rear outrigger pad of a mobile crane made contact with the metal fence post as the outrigger was being extended during the ODCL.	
15-CA-052	1/21/2015			Overload, Rigging			A sling was overloaded during removal of a sill assembly from the ship's VLS.	
15-CA-053	1/21/2015			Collision, Load Striking Object			A hand wheel on a shipboard valve was damaged when it was struck by the superstructure of a LET during waterborne installation. Initial reports indicate that the boat may have shifted unexpectedly during the LET's final seating.	
15-CA-054	1/23/2015	PORTAL	1	Crane Equipment damage, Other	Rotating	Y	A fuel valve was broken and piping bent when a portal crane was rotated with the fueling assembly still installed.	
15-CA-055	1/29/2015			Collision, Load Striking Object			A spreader beam was bent during initial attempts to load a bulldozer onto a trailer.	